

Name: _____

at1120paper: Simplify radicals (v0)

Question 1

Use the prime factorization, $121500 = 2^2 \cdot 3^5 \cdot 5^3$, to simplify the radical expression:

$$\sqrt{121500}$$

$$2^1 \cdot 3^2 \cdot 5^1 \sqrt{2^0 \cdot 3^1 \cdot 5^1}$$

$$90\sqrt{15}$$